

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of

Applicant(s) : Gurtej S. Sandhu  
Serial No. : 10/765,314  
Filed : January 27, 2004  
Title : **ATOMIC LAYER DEPOSITION WITH POINT OF USE GENERATED  
REACTIVE GAS SPECIES**  
Docket : MIO 0092 NA/40509.283/01-0791.02

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on April 16, 2004.

William A. Jividen Attorney

Reg. No. 42,695

Sir:

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§ 1.56, 1.97, AND 1.98

Applicant submits herewith patents, publications, and other information of which he is aware, which he believes may be material, as defined in 37 CFR §1.56(b), to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR §1.56(a). While the information referred to in this Information Disclosure Statement may be material pursuant to 37 CFR §1.56(b), the filing of this Information Disclosure Statement is not intended to, pursuant to 37 CFR §1.97(h), constitute an admission that any patent, publication, or other information referred to is, or is considered to be, material to the patentability of this invention. No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§102 and 103, and Applicant reserves the right, pursuant to 37 C.F.R. §1.131 or otherwise, to establish otherwise. Further, pursuant to 37 CFR §1.97(g), the filing of this Statement should not be construed as a statement that a search has been made or that no other material information exists.

Serial No. 10/765,314

Docket MIO 0092 NA/40509.283/01-0791.02

This Information Disclosure Statement is being filed within the period set forth in 37 CFR §1.97(b) because it is filed within three months of the filing date of a national application or within three months of the date of entry of the national stage as set forth in 37 CFR §1.491 in an international application.

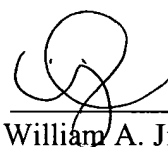
The above application is a continuation of U.S. Application Serial No. 10/091,938 filed March 5, 2002. Pursuant to §1.98(d), copies of those items cited by or submitted to the Office in the prior application are not being submitted.

The Office has waived the requirement pursuant to 37 CFR §1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC §371 after June 30, 2003. Therefore, no copies of each cited U.S. patent and each cited U.S. patent application publication are enclosed, but the cited U.S. patents and the cited U.S. patent application publications are listed on PTO/SB/08A.

Respectfully submitted,

DINSMORE & SHOHL LLP

By

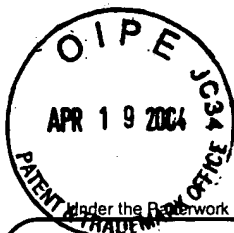


William A. Jividen

Registration No. 42,695

One Dayton Centre  
One South Main Street, Suite 500  
Dayton, Ohio 45402-2023  
Telephone: (937) 223-2050  
Facsimile: (937) 223-0724

WAJ/ems  
Encl.



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/765,314
Filing Date	January 27, 2004
First Named Inventor	Gurtej S. Sandhu
Art Unit	
Examiner Name	
Attorney Docket Number	MIO 0092 NA/40509.283

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**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 4,260,649	04/07/1981	Dension et al.	
		US- 5,607,601	03/04/1997	Loper et al.	
		US- 5,659,383	08/19/1997	Ozawa	
		US- 5,669,979	09/23/1997	Elliott et al.	
		US- 5,814,156	09/29/1998	Elliott et al.	
		US- 5,270,247	12/14/1993	Sakuma et al.	
		US- 5,023,424	06/11/1991	Vaught	
		US- 6,461,909 B1	10/08/2002	Marsh et al.	
		US- 6,503,330 B1	01/02/2003	Sneh et al.	
		US- 6,509,601 B1	01/21/2003	Lee et al.	
		US- 6,448,192 B1	09/10/2002	Kaushik	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
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Sheet	2	of	2
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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		PRASAD ET AL., PREDICTION OF DEPOSITION RATES IN ATOMIC LAYER DEPOSITION, Focus Center---New York, Rensselaer: Interconnections for Gigascale Integration, Rensselaer Polytechnic Institute, Troy, NY, Department of Mathematics and Statistics, University of Maryland	

Examiner Signature		Date Considered	
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